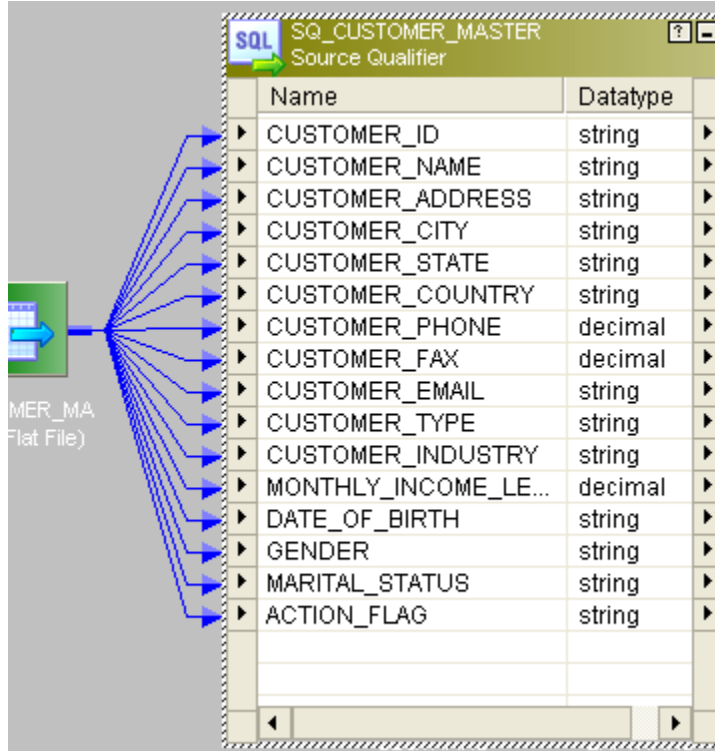


Explain in detail about SCD TYPE 1 through mapping.

SCD Type1 Mapping

The SCD Type 1 methodology overwrites old data with new data, and therefore does not need to track historical data.

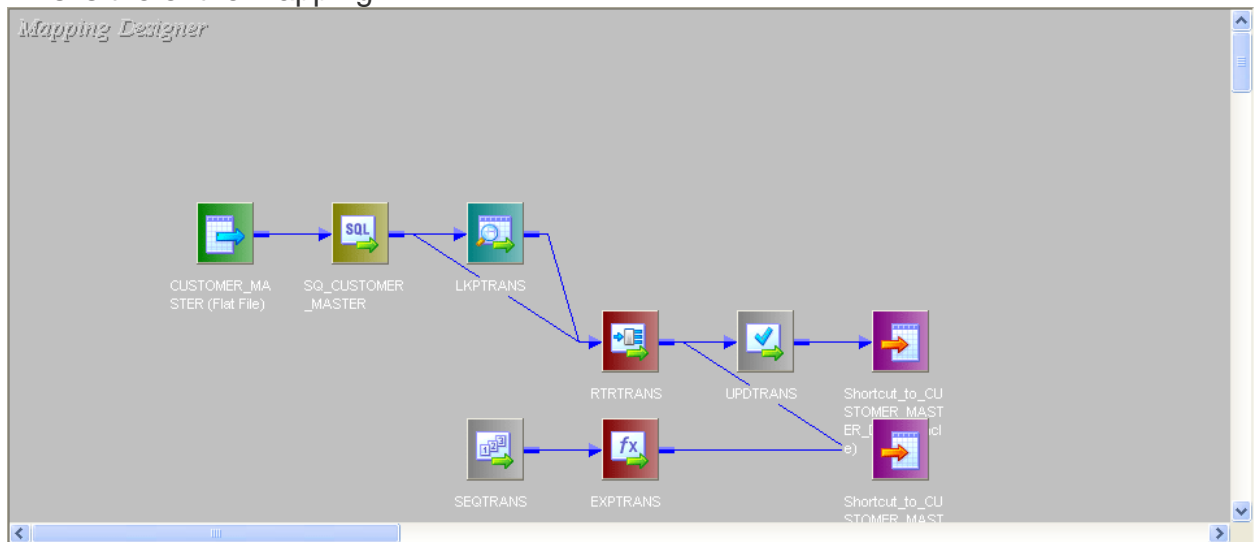
1. Here is the source.



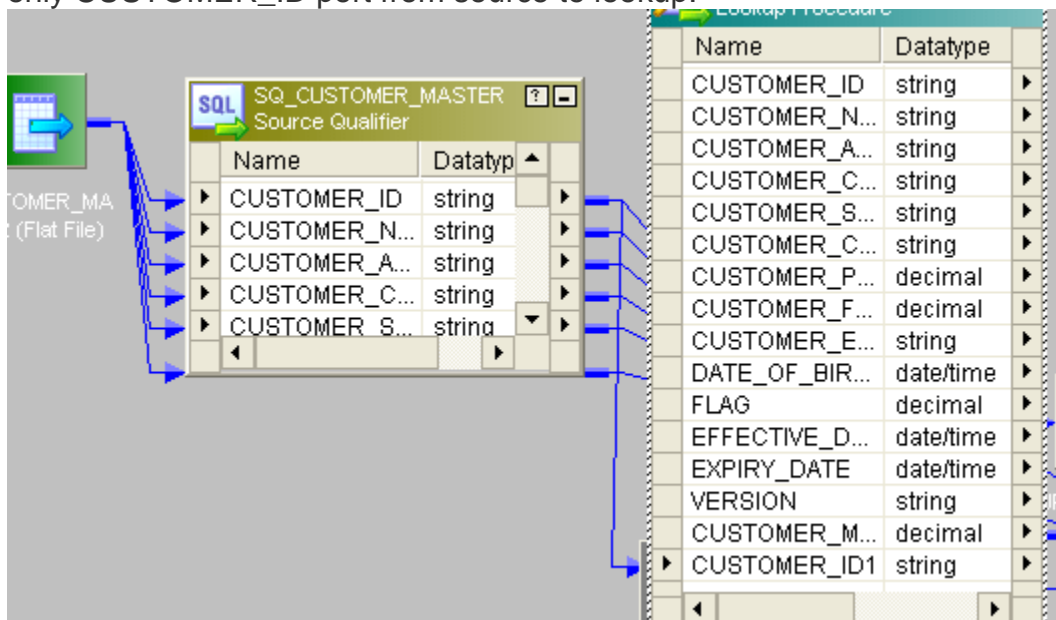
Name	Datatype
CUSTOMER_ID	string
CUSTOMER_NAME	string
CUSTOMER_ADDRESS	string
CUSTOMER_CITY	string
CUSTOMER_STATE	string
CUSTOMER_COUNTRY	string
CUSTOMER_PHONE	decimal
CUSTOMER_FAX	decimal
CUSTOMER_EMAIL	string
CUSTOMER_TYPE	string
CUSTOMER_INDUSTRY	string
MONTHLY_INCOME_LE...	decimal
DATE_OF_BIRTH	string
GENDER	string
MARITAL_STATUS	string
ACTION_FLAG	string

2. We will compare the historical data based on key column CUSTOMER_ID.

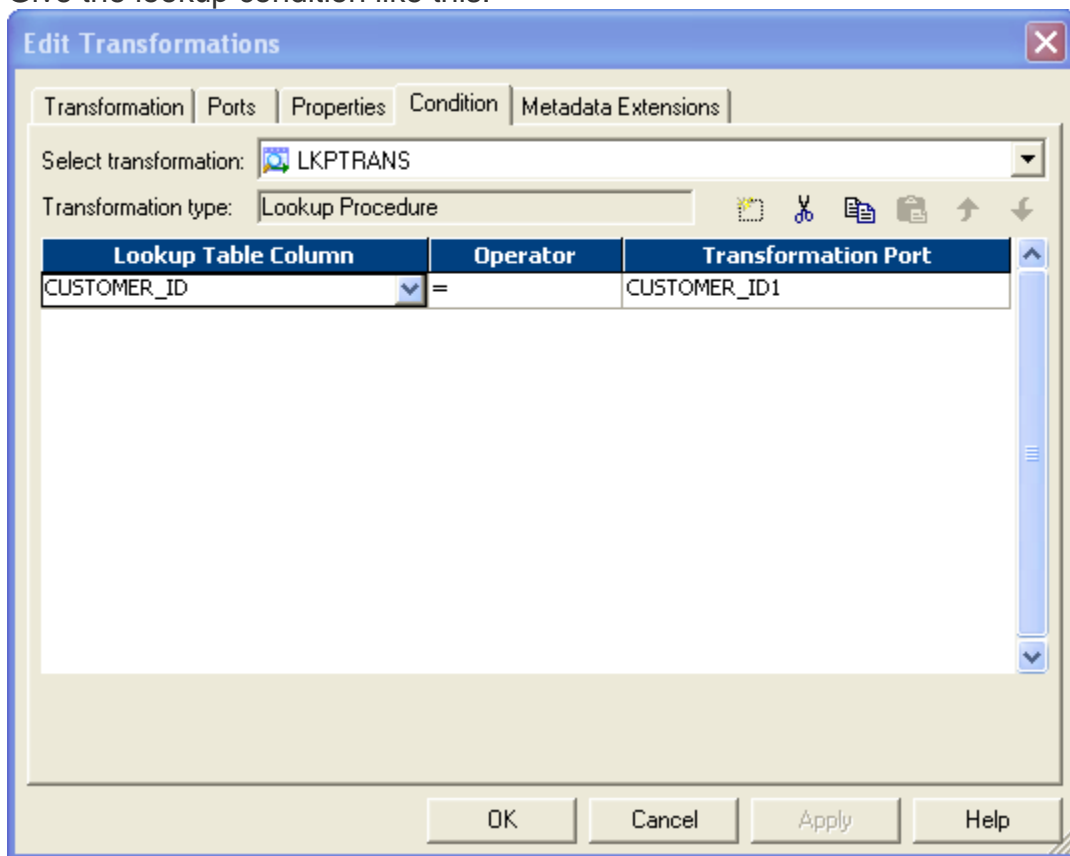
3. This is the entire mapping:



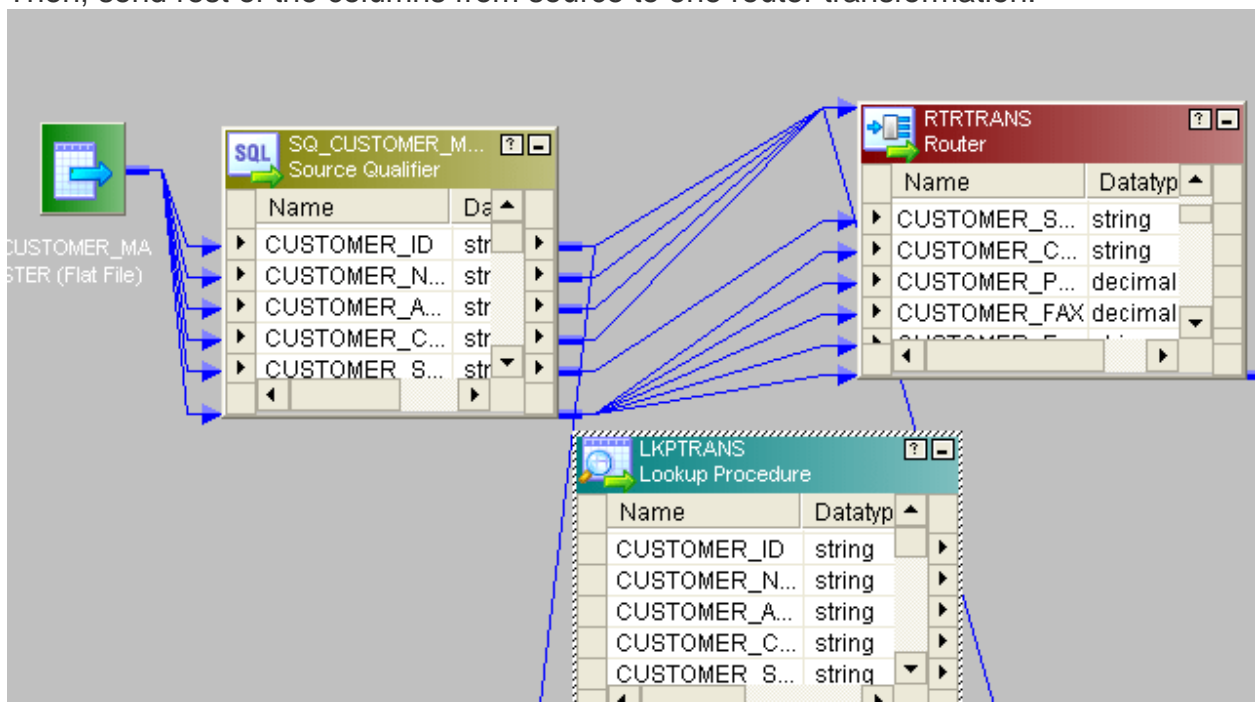
4. Connect lookup to source. In Lookup fetch the data from target table and send only CUSTOMER_ID port from source to lookup.



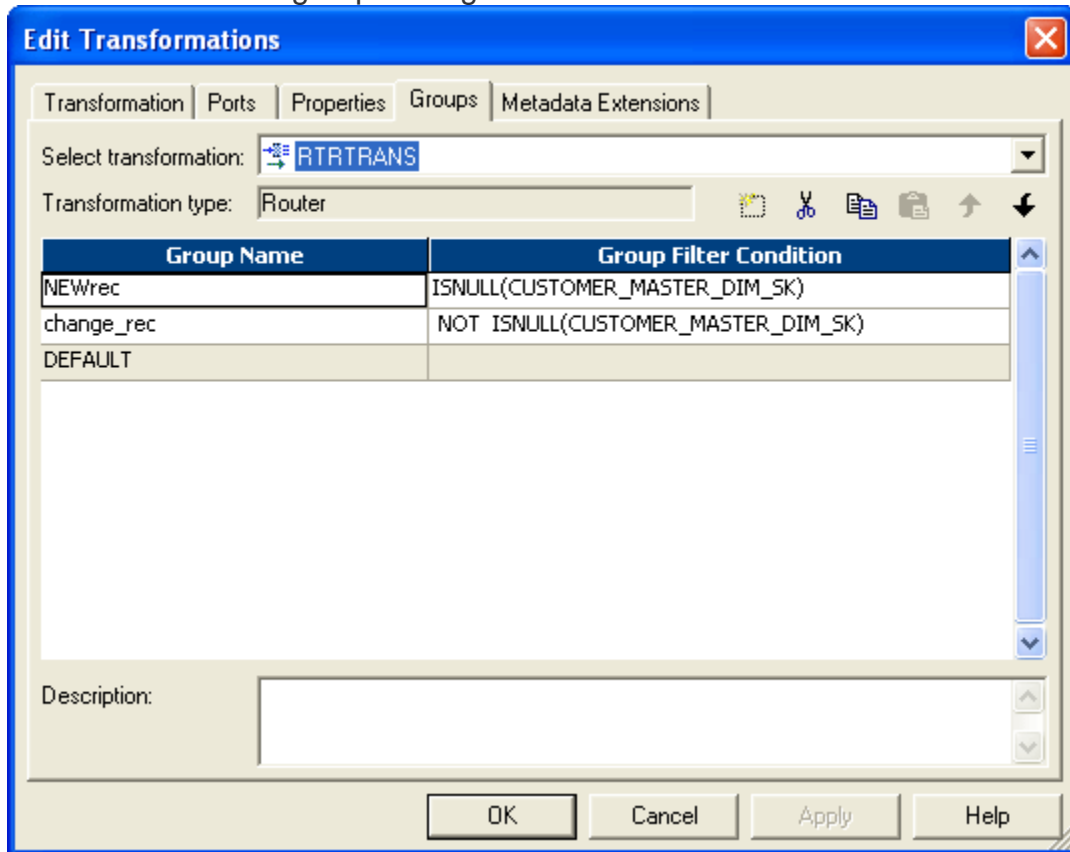
5. Give the lookup condition like this:



6. Then, send rest of the columns from source to one router transformation.

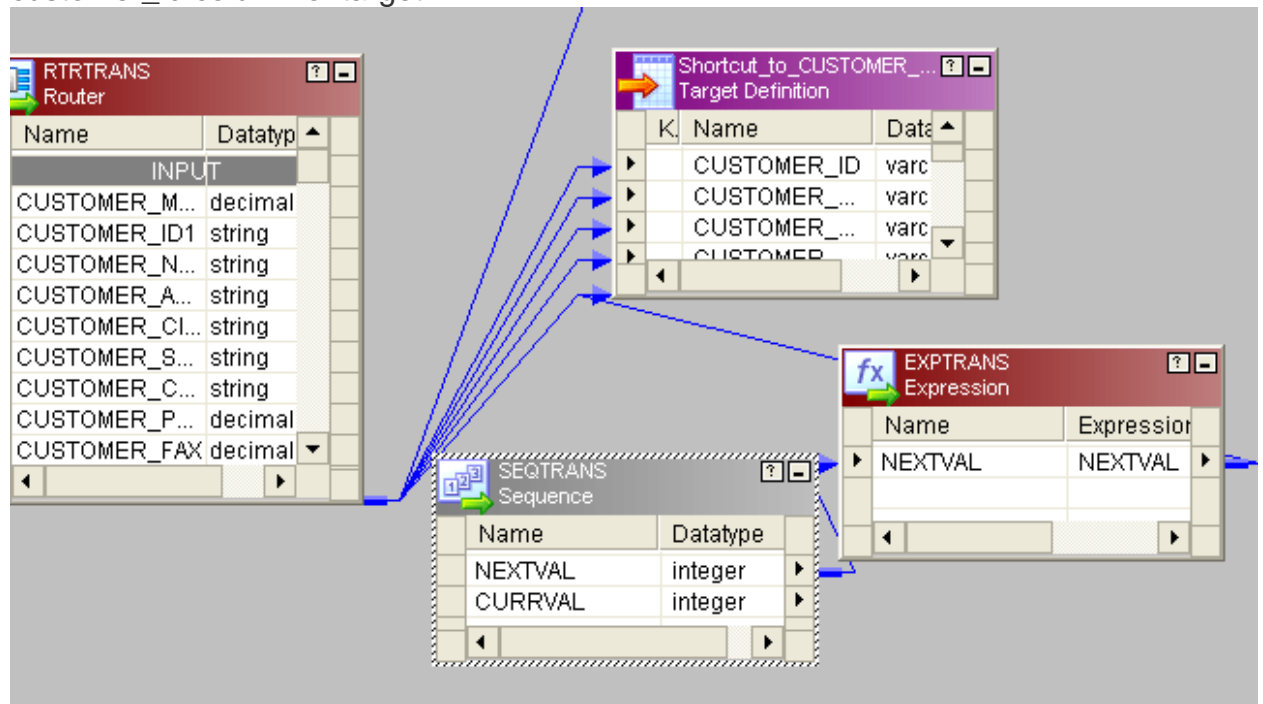


7. In router create two groups and give condition like this:

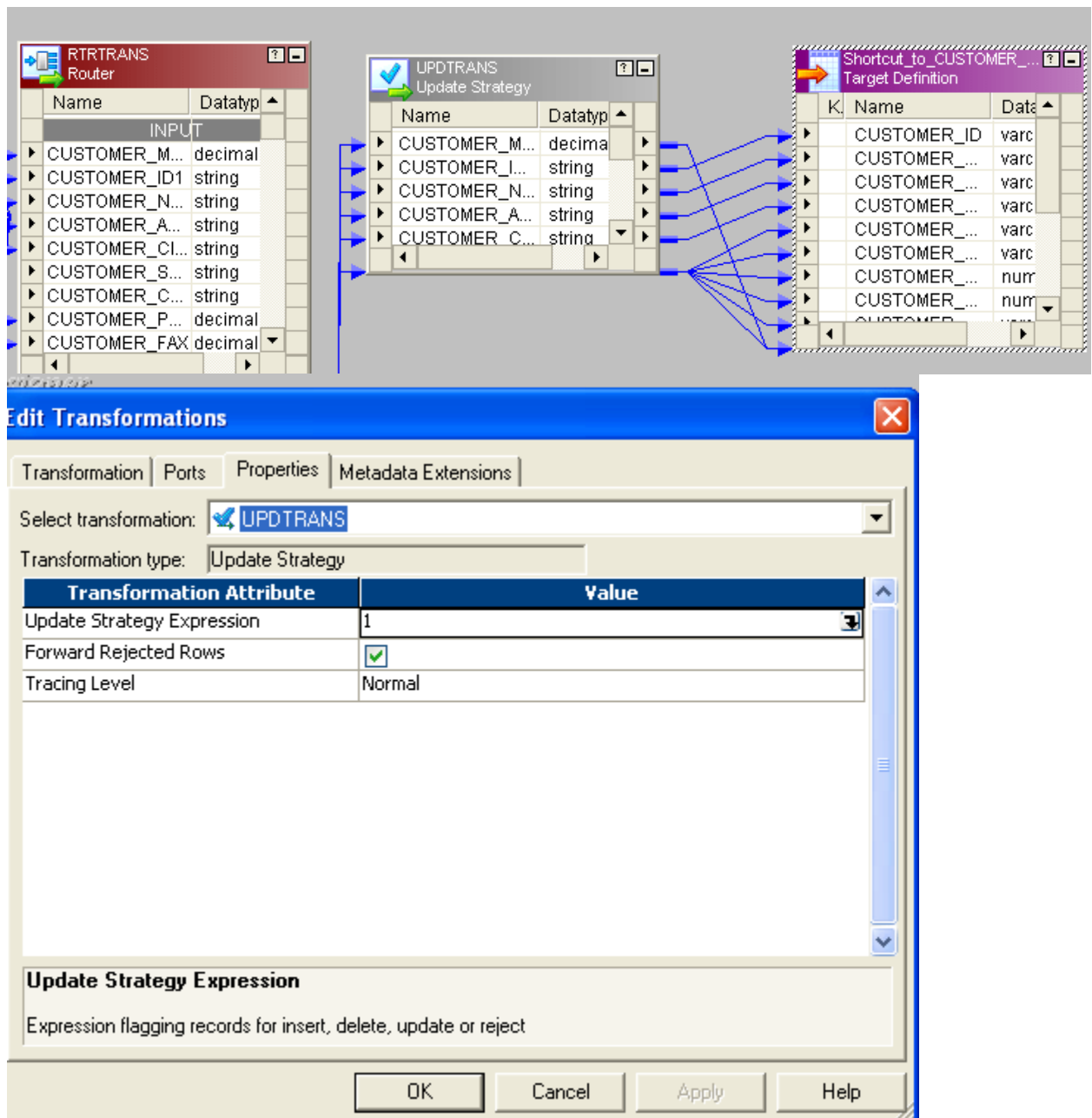


8. For new records we have to generate new customer_id. For that, take a sequence generator and connect the next column to expression. New_rec group from router connect to target1 (Bring two instances of target to mapping, one for new rec and other for old rec). Then connect next_val from expression to

customer_id column of target.



9. Change_rec group of router bring to one update strategy and give the condition like this:



10. Instead of 1 you can give dd_update in update-strategy and then connect to target.